

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



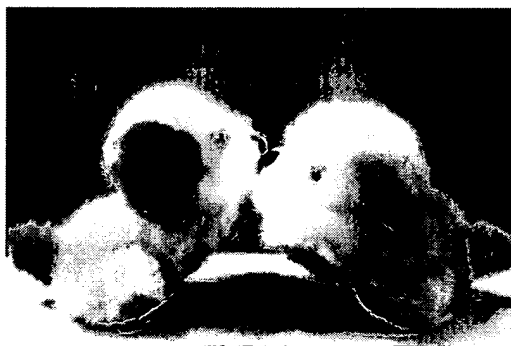
$I_L$

*FIG. 1*



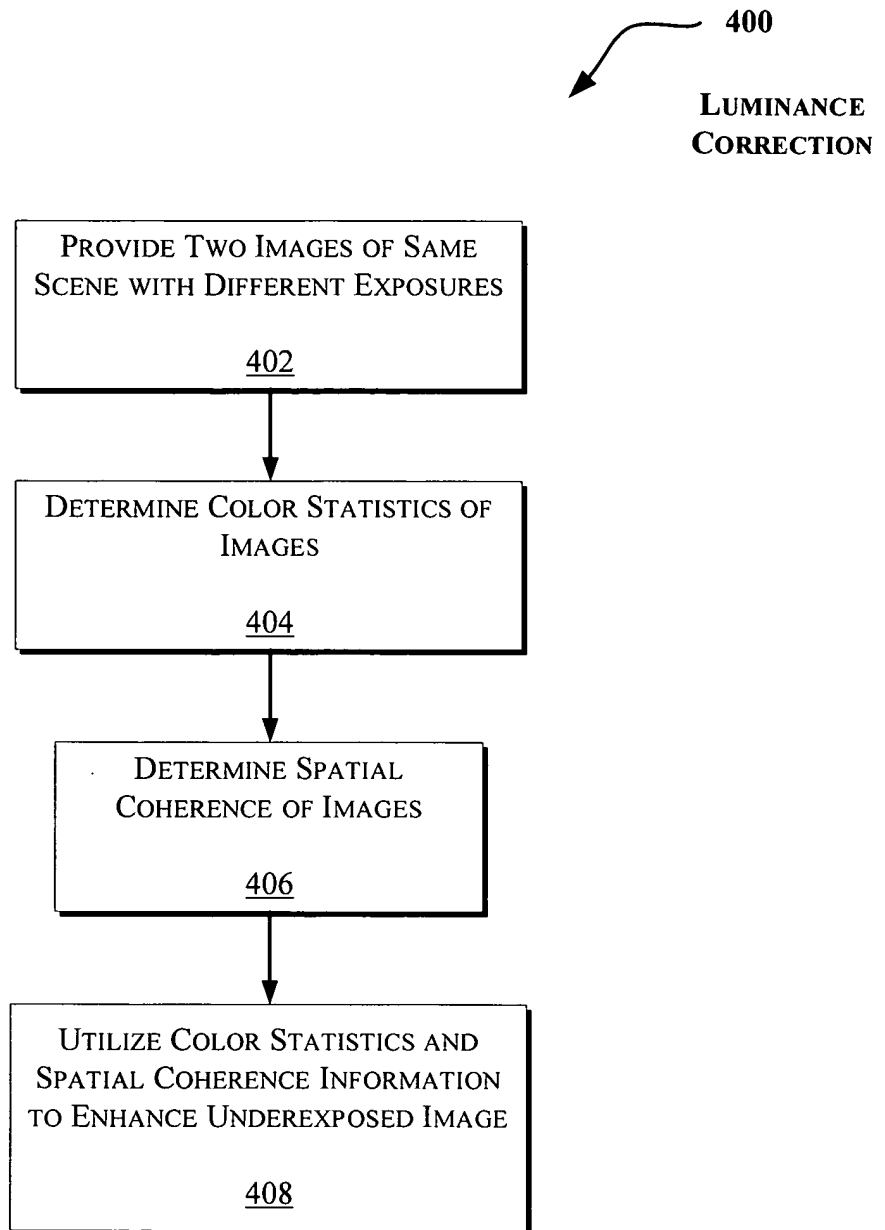
$I_H$

*FIG. 2*

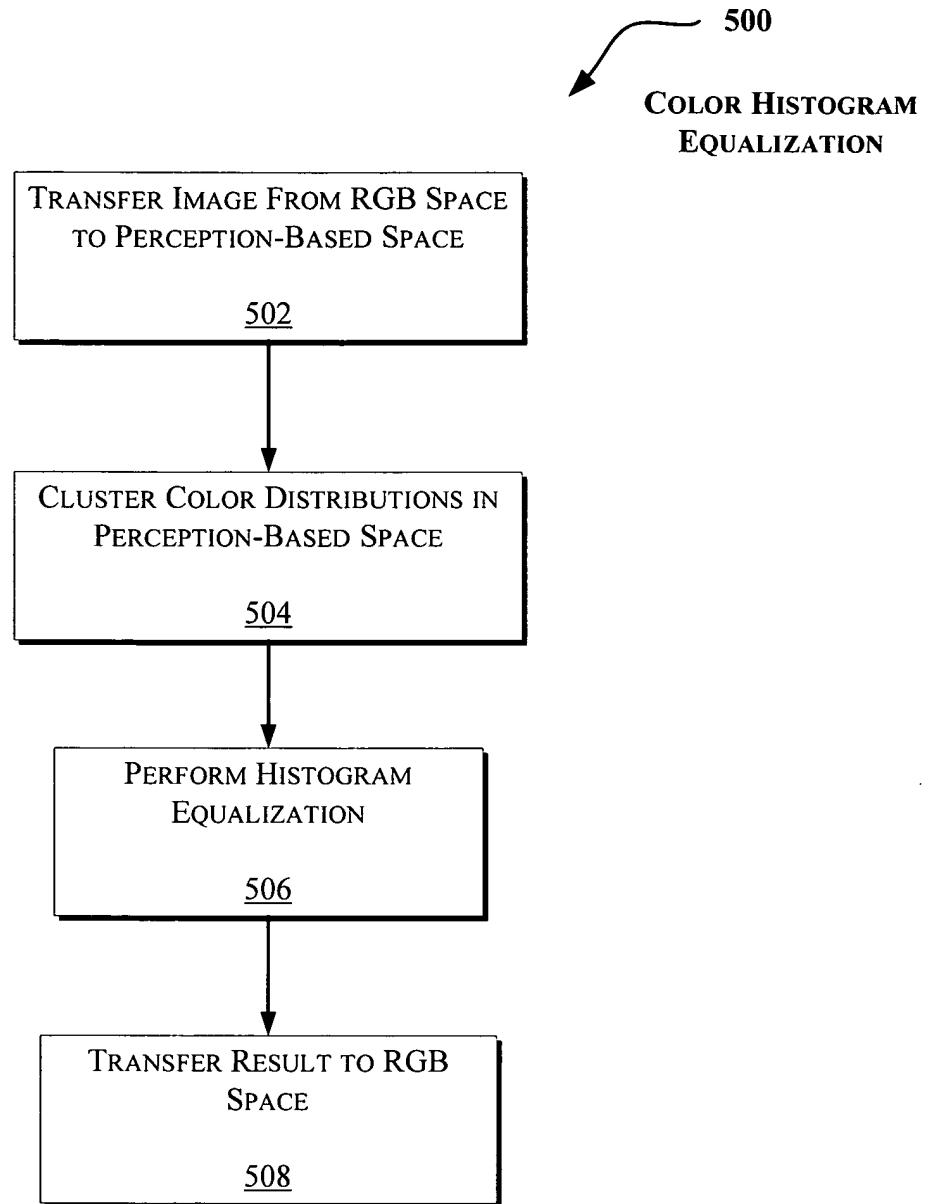


$I_C$

*FIG. 3*



*FIG. 4*



*FIG. 5*

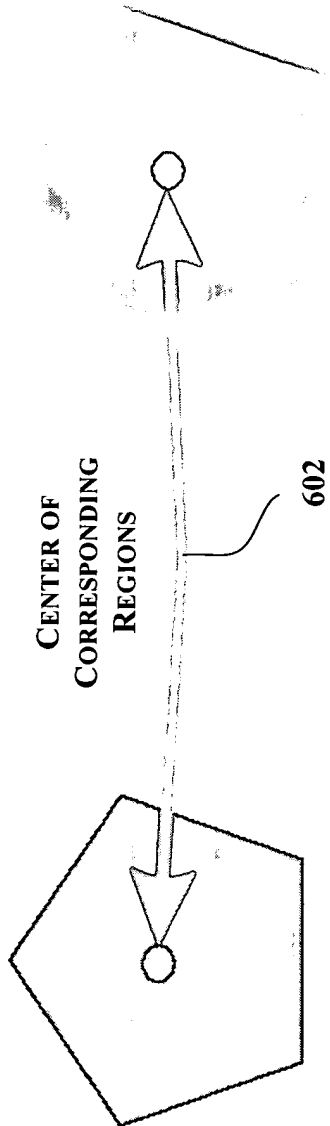


FIG. 6A

FIG. 6B

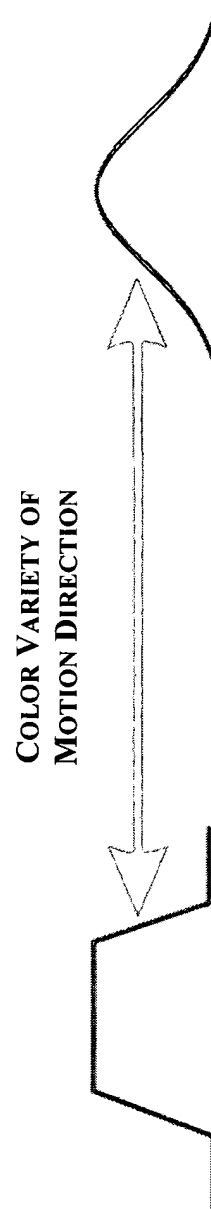
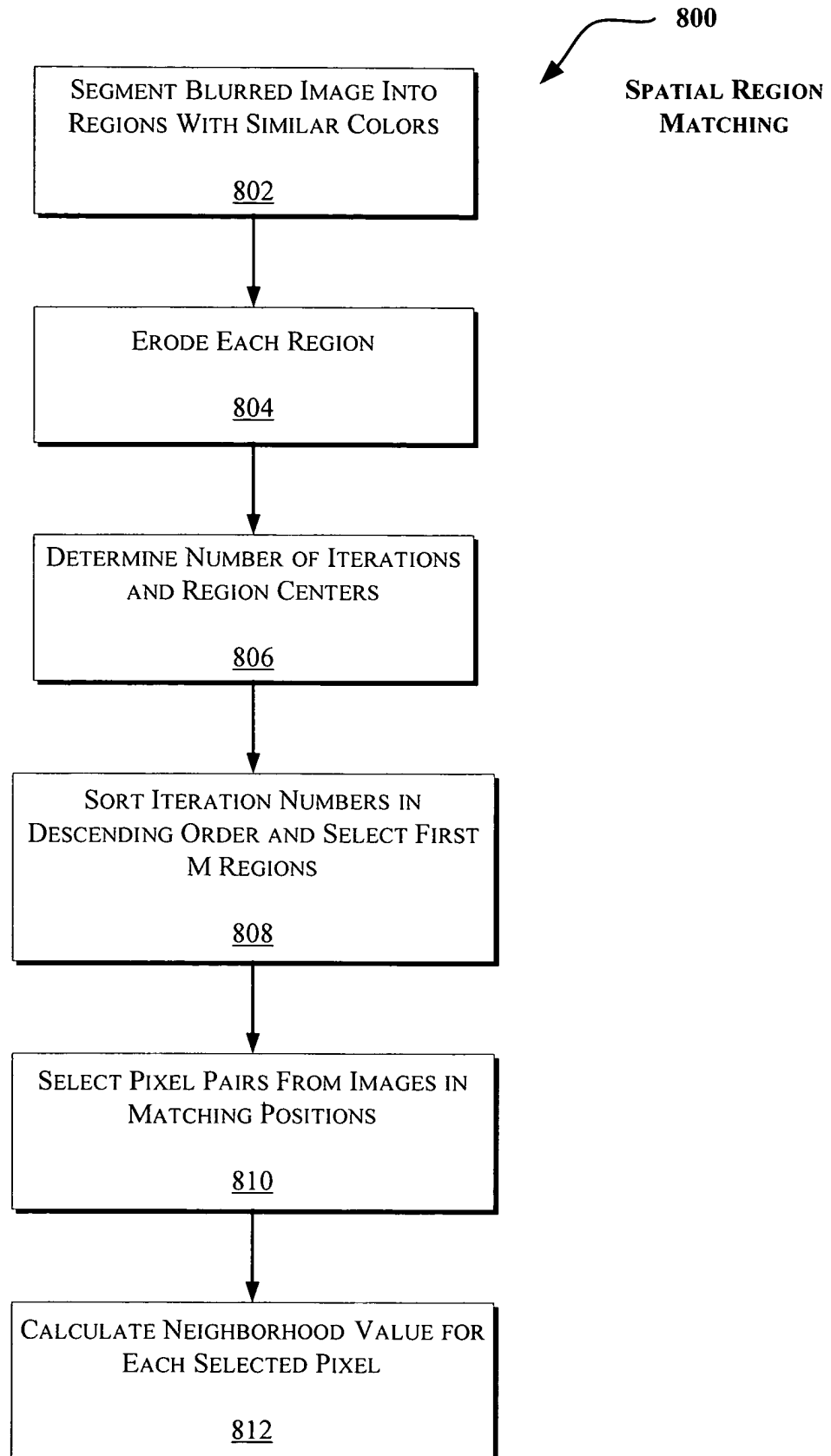


FIG. 7A

FIG. 7B



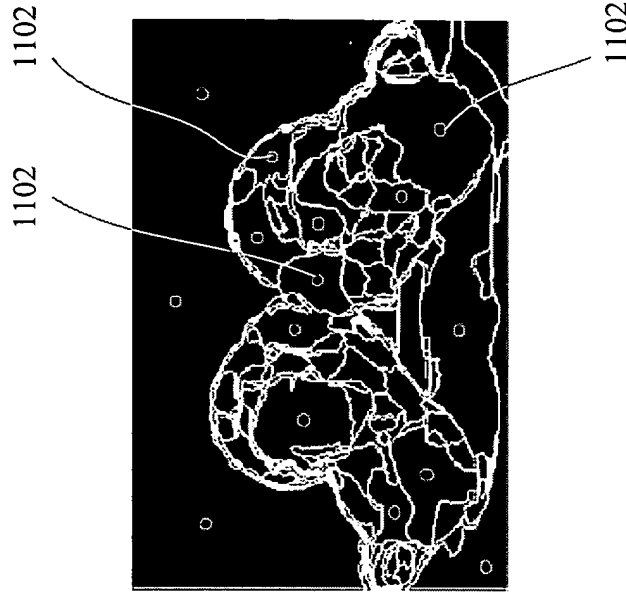
**FIG. 8**



*FIG. 9*



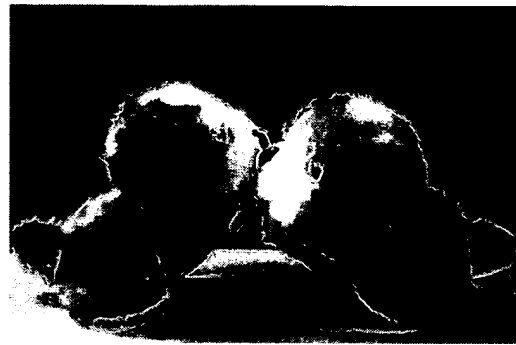
*FIG. 10*



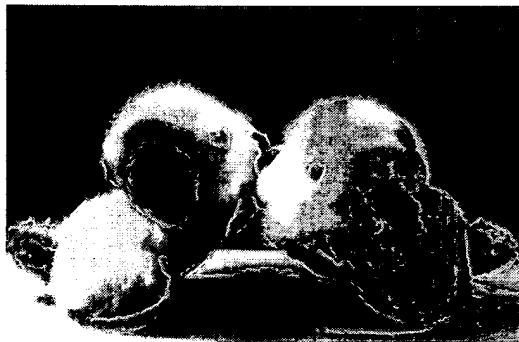
*FIG. 11*



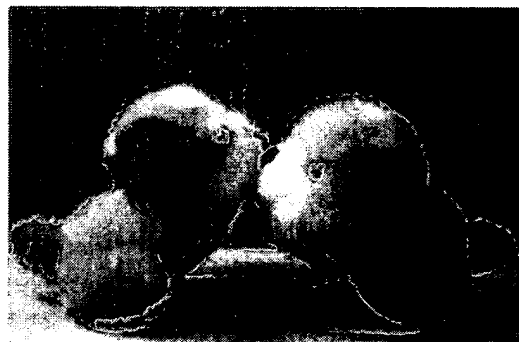
*FIG. 12*



*FIG. 13*



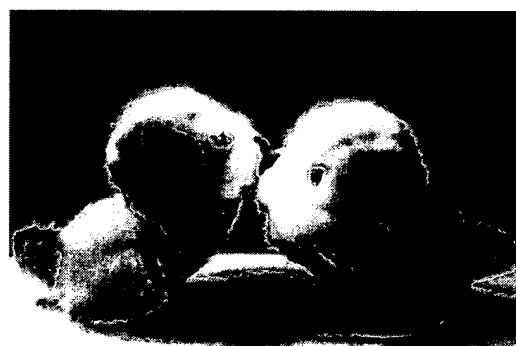
*FIG. 14*



*FIG. 15*



*FIG. 16*



*FIG. 17*



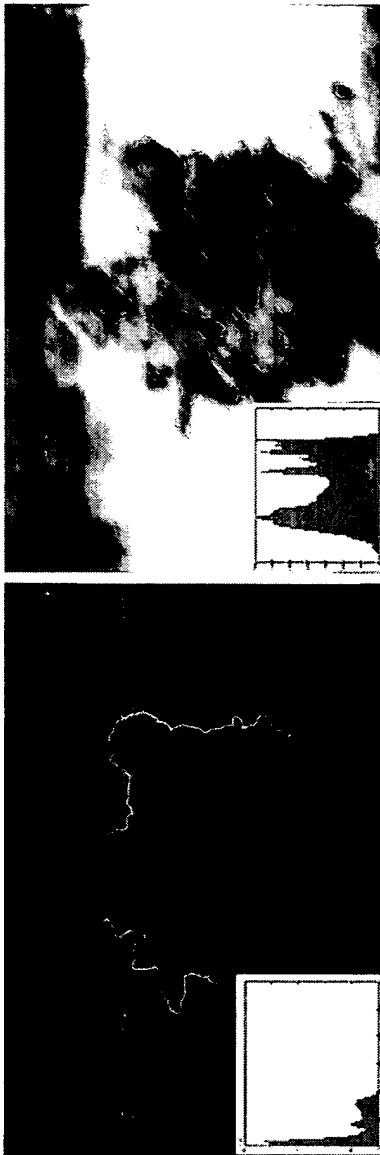


FIG. 18

FIG. 19

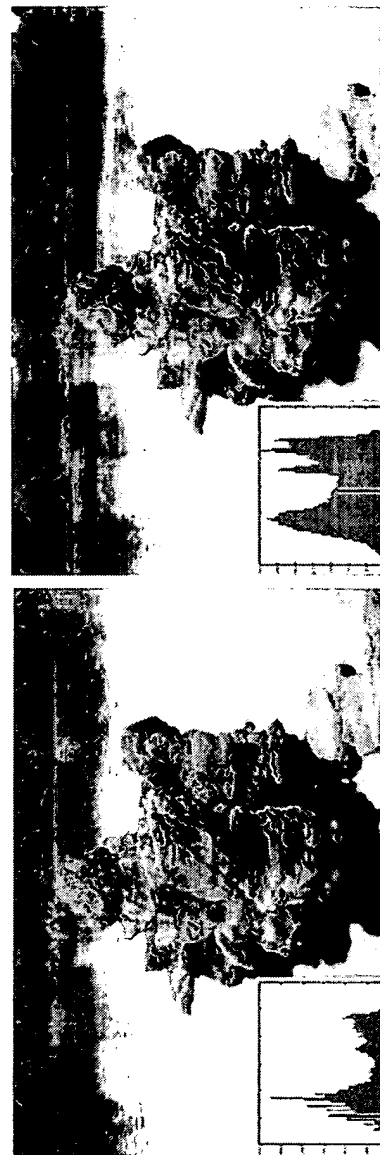


FIG. 20

FIG. 21

FIG. 23

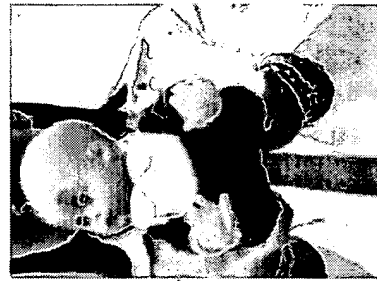
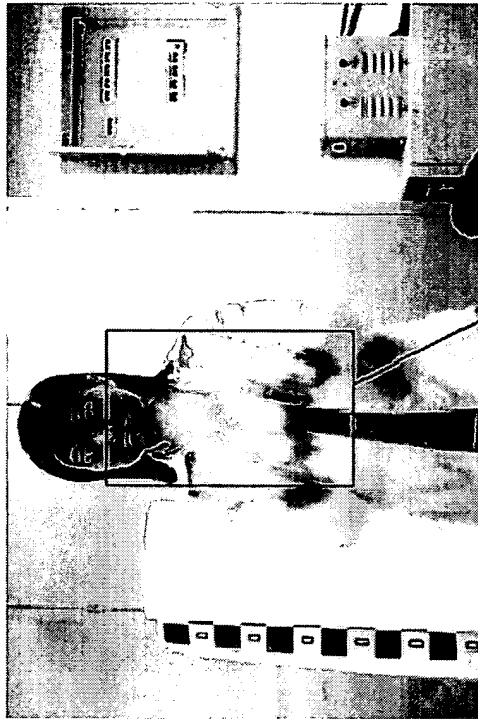


FIG. 22

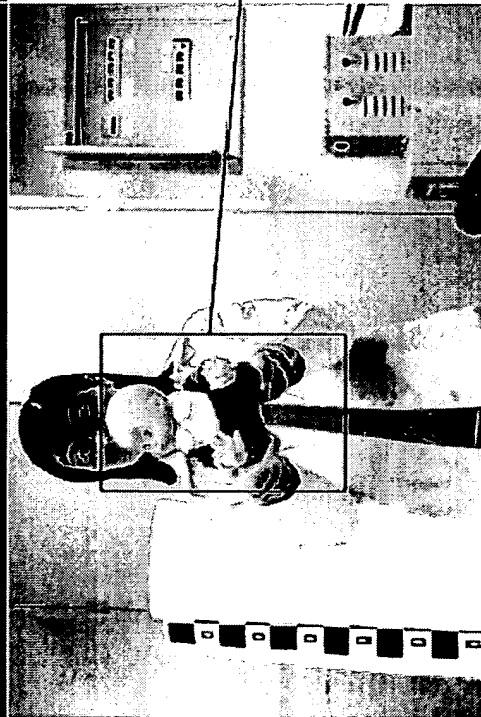
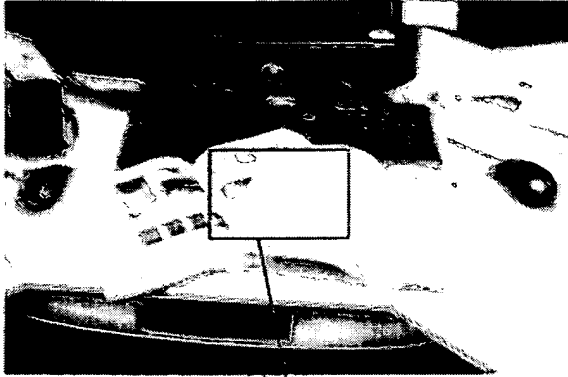


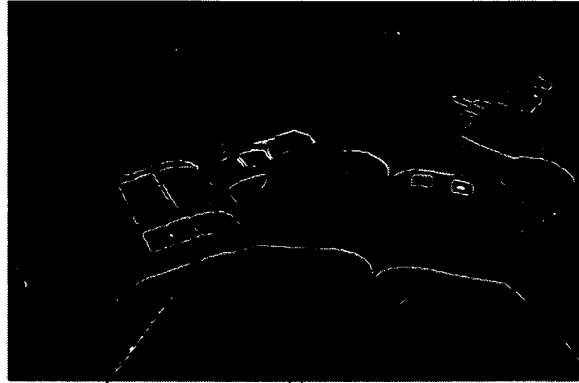
FIG. 24

*FIG. 25*

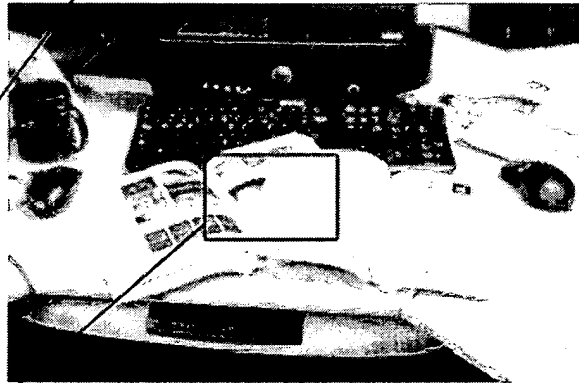


(a)

*FIG. 26*

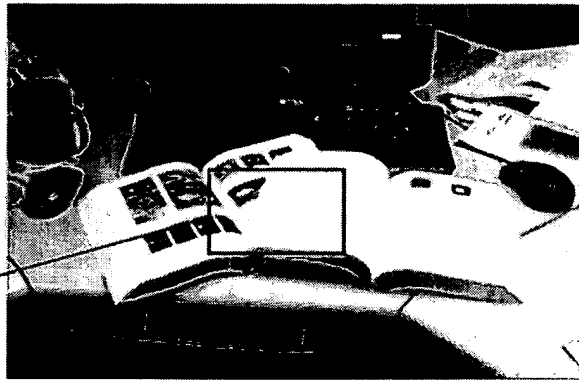


(b)



(c)

*FIG. 27*



*FIG. 28*

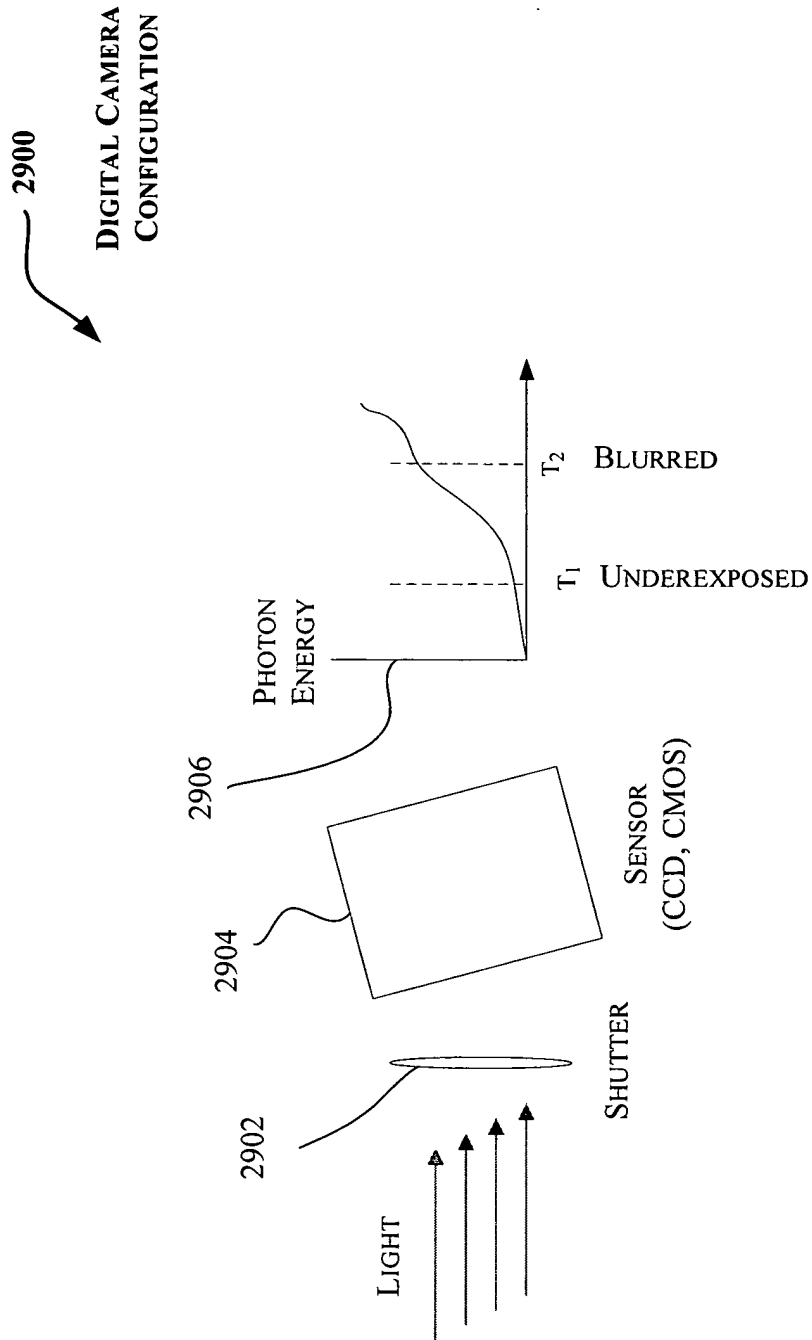
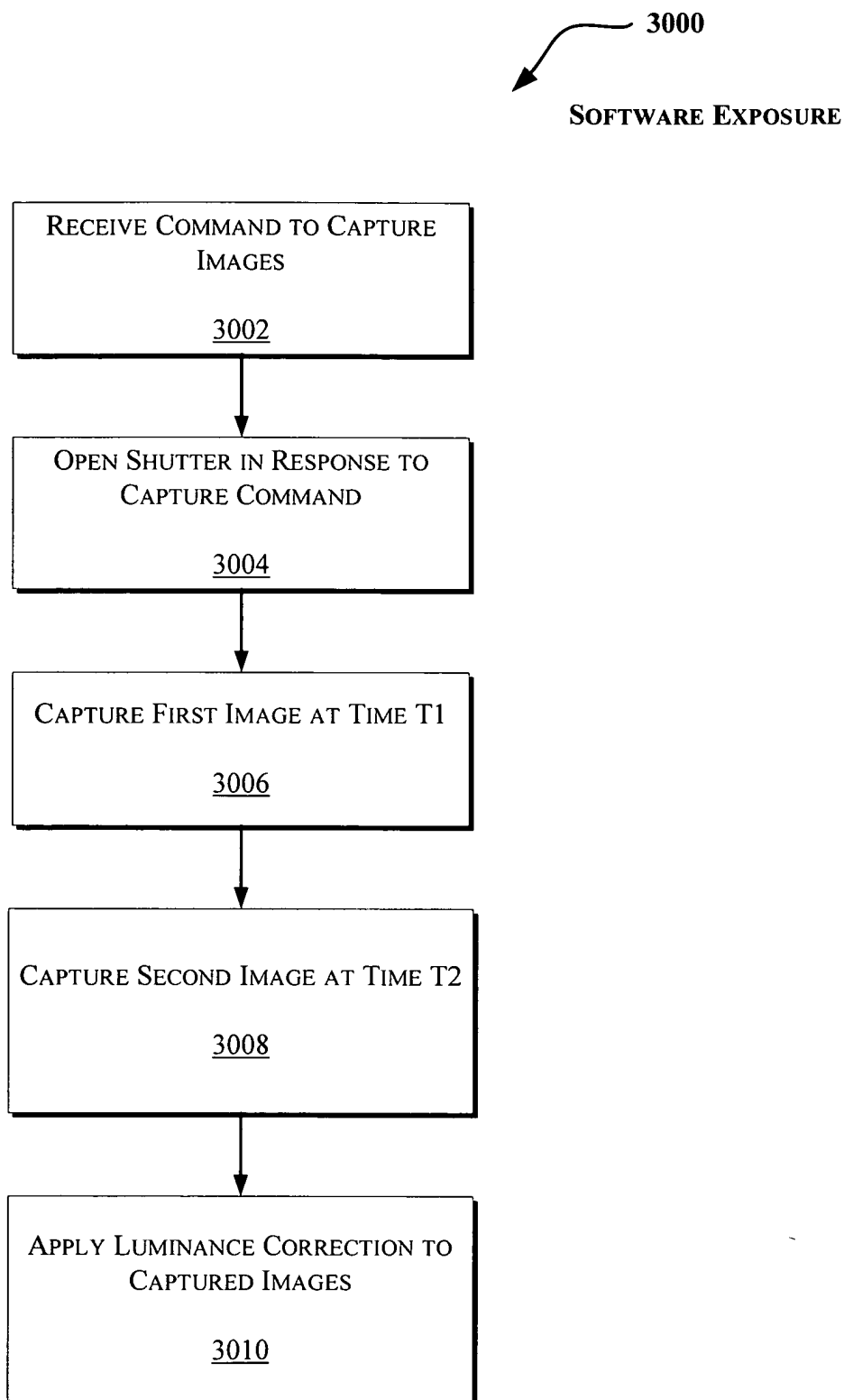
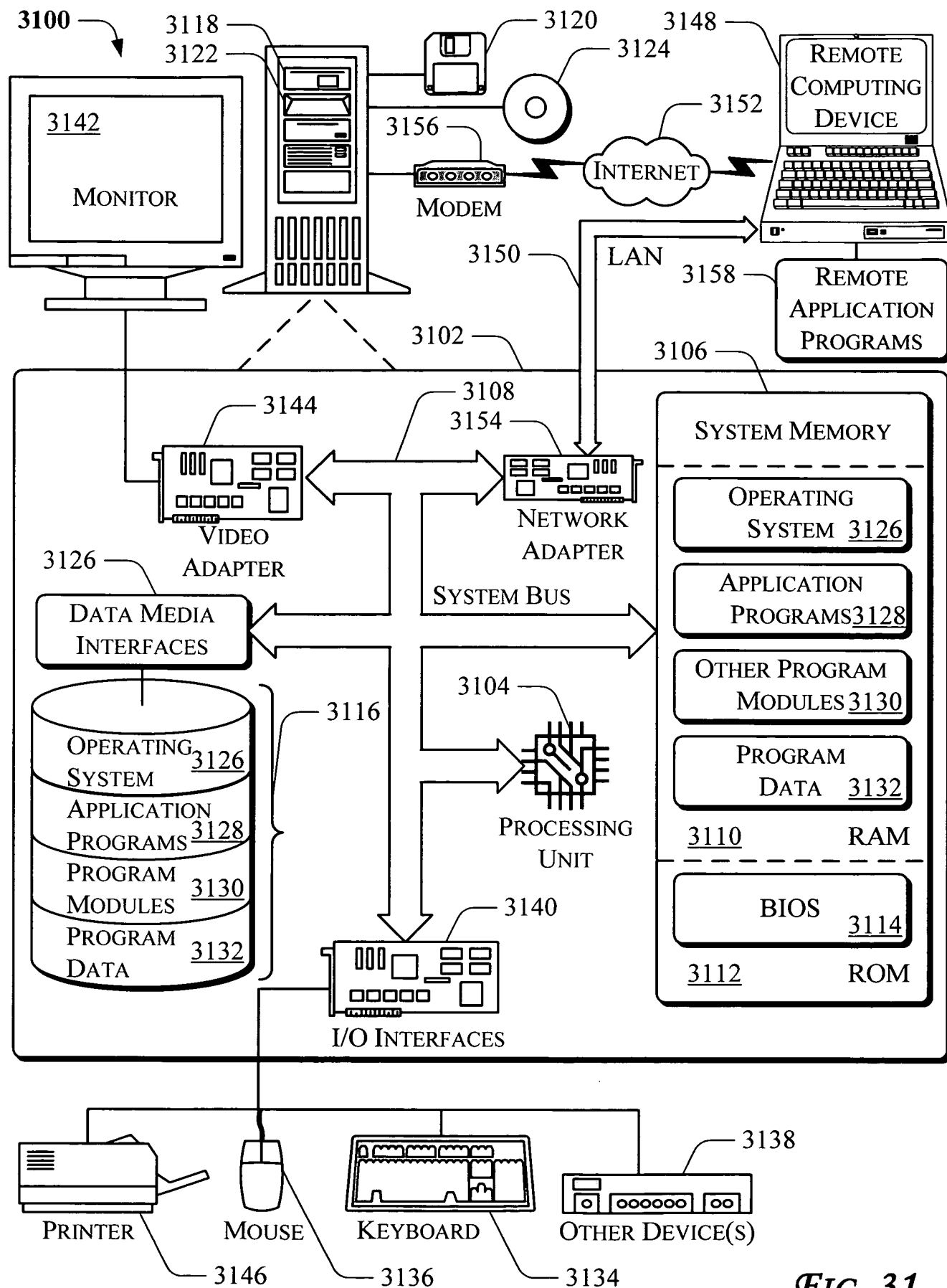


Fig. 29



*FIG. 30*



**FIG. 31**